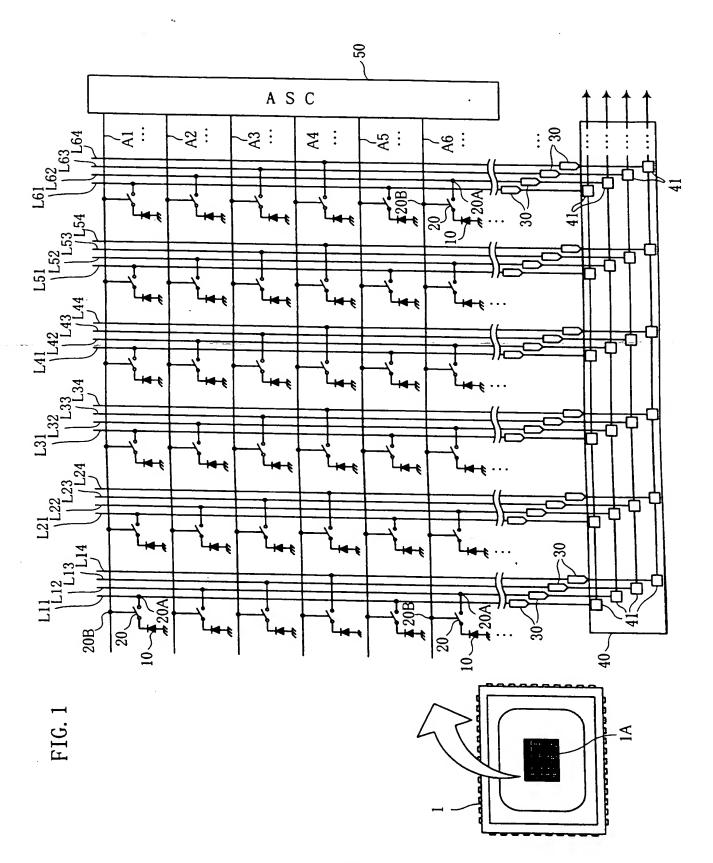
Inventor: SHIMIZU
Docket No.: 10921.0295USWO
Title: AREA IMAGE SENSOR
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
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Attorney Name: Douglas P. Mueller
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FIG. 2

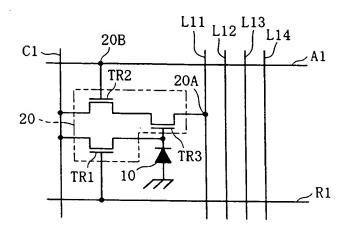
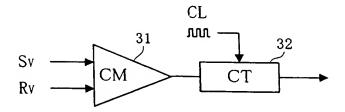
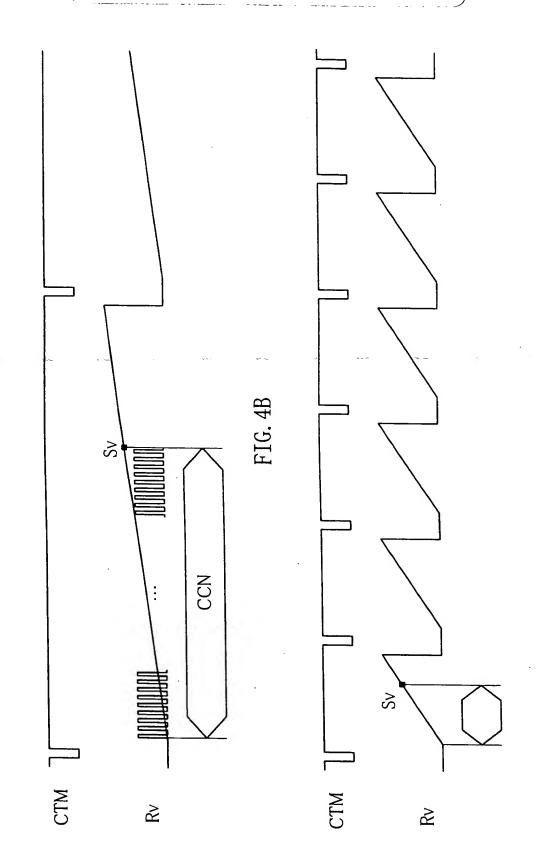


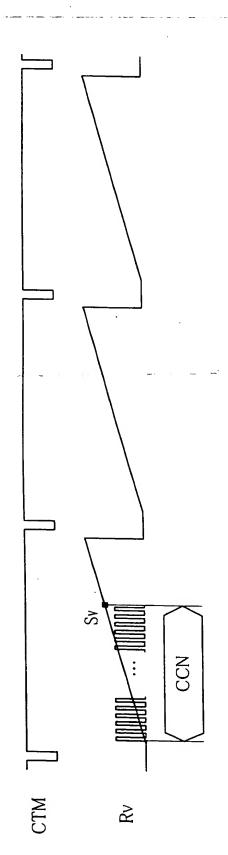
FIG. 3



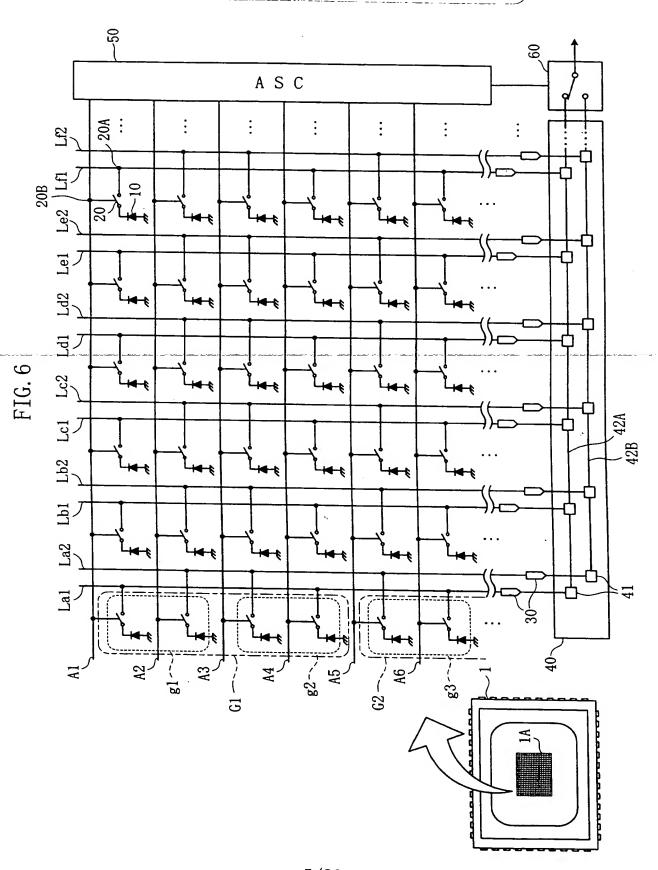
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FIG. 7

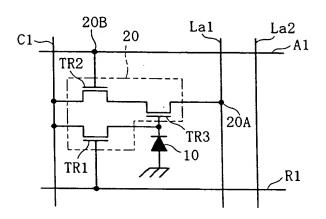


FIG. 9

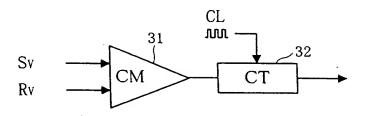
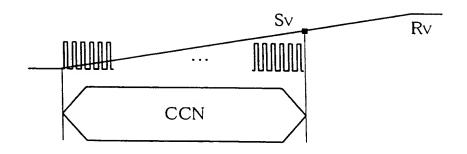


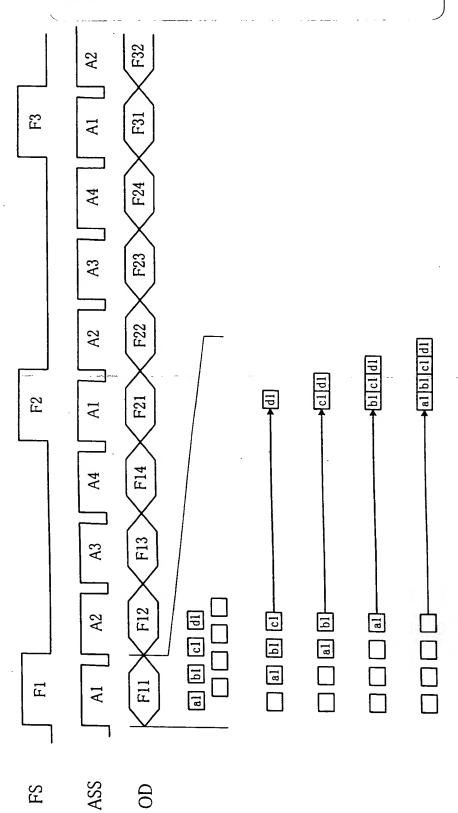
FIG. 10



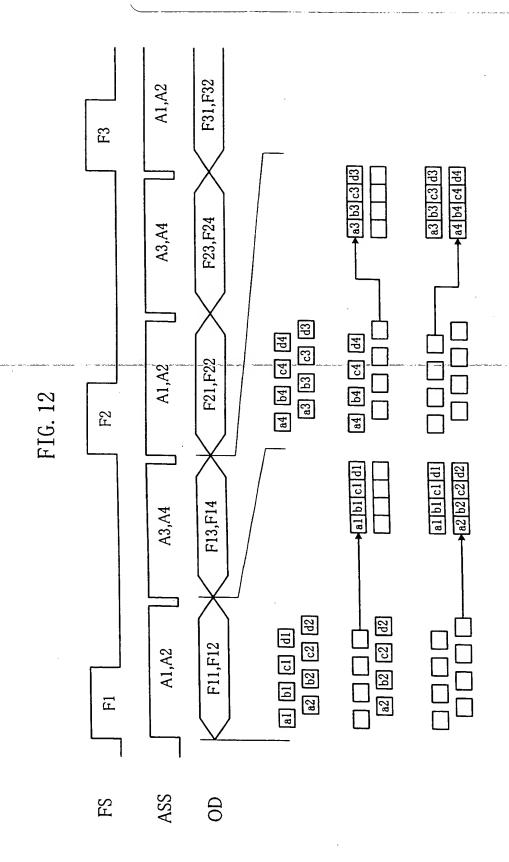
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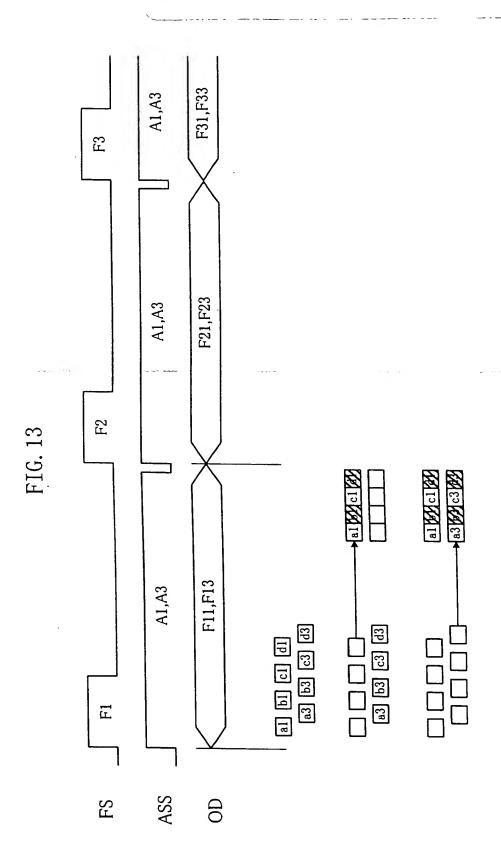
FIG. 8

						OM		SS1/2	SS1/4	SS1/8	ISS1/16	
					CF		1/2f	1/4f	1/8f	1/16f	1/32f	
	_				Px	SL	L1 L2	L1 L2	L1 L2	L1 L2	L1 L2	
	G%1		G1	آ ۽ آ	P1	L1	1	1	1	1	1	
				gl	P2	L2	1	0	0	0	0	
		G#1		ا ہے [P3	L2	1	1	0	0	0	
				g2 [P4 P5	L1	1	0	0	0	0	
			G2 G3	g3	P5	L2	1	1	1	0	0	
					P6	L1	1	0	0	0	0	
				g4	P7	L1	1	1	0	0	0	
				Let L	P8	L2	. 1	0	0	0	0	
				g5	P9	L2	1	1	1	1	0	
					P10	L1	1-	0	0	0	0	
		G#2		g6	P11	L1	1	1	0	0	0	
				ا ر	P12	L2	1	0	0	0	0	
				g7	P13	L1	1	1	1	0	0	
		_	G4	ا ّ ا	P14	L2	1	0	0	0	0	
				g8	P15	L2	recommendation	mencularies 1 or	0	0 '	0	
G&1				F. F	P16	L1	1	0	0	0	0	
	G%2	G#3	G5	g9	P17	L2	1.	1	1	1	1	
					P18	L1	1	0	0	0	0	
				g10	P19	L1	1	1	0	0	0	
				F F	P20	L2	1	0	0	0	0	
			G6 G7	g11	P21	L1	1	1	1	00	0	
					P22 P23	L2 L2	1	0	0	0	0	
				g12	P24	L1		1	0	0	0	
				ГГ	P25	L1	1	0	0	0	0	
				g13	P26	L2	1 =	0		1	0	
				}	P27	L2	-1	1	0	0	0	
				g14	P28	L1	1	0	0	0	0	
				F F	P20	L2	1	1	1	0	0	
			G8	g15	P29 P30	L1	1	0	0	0	0	
					P31	L1	1	1 -	0	0	0	
				g16	P32	L2	1	0	0	0	0	
		-	_		1 02	1.4	<u> </u>	U		<u> </u>	<u> </u>	

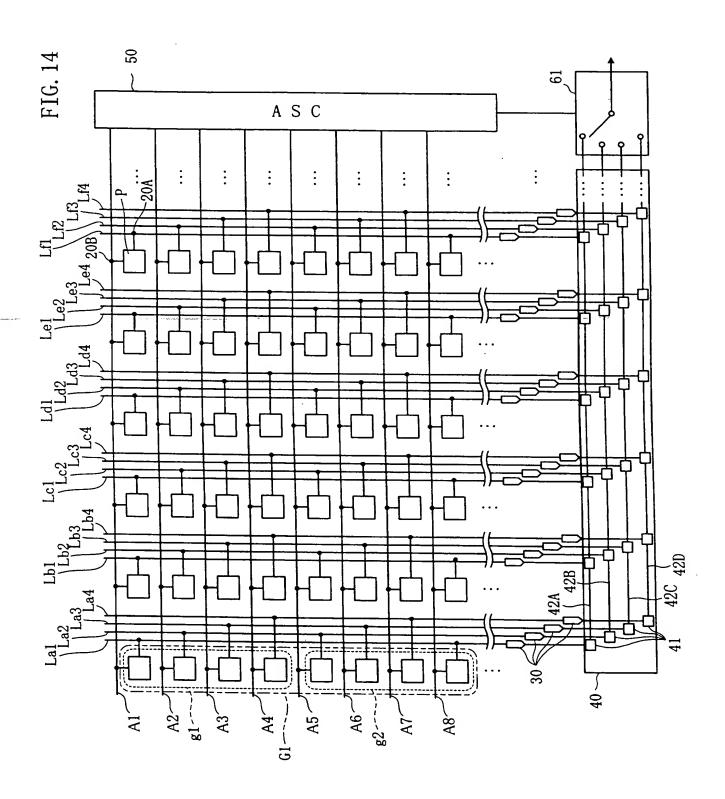


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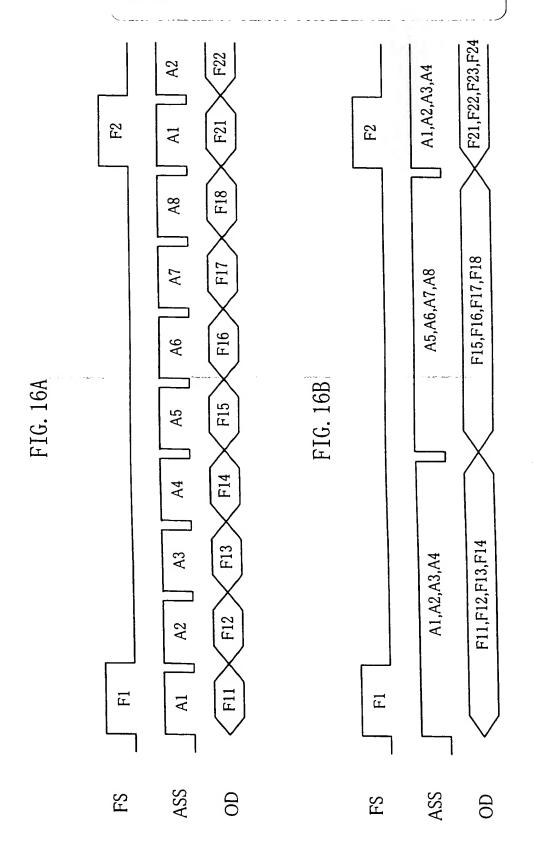


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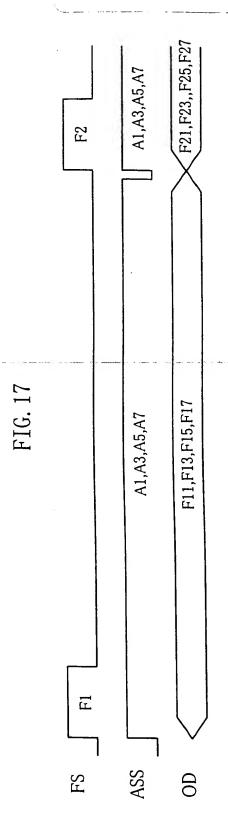
FIG. 15

			OM	FS	SS1/2	SS1/4	SS1/8		
•			CF	1/4f	1/8f	1/16f	1/32f		
_		Px	SL	L1 L2 L3 L4	L1 L2 L3 L4	L1 L2 L3 L4	L1 L2 L3 L4		
		P1	L1	1	other Delle Company 1:	1	*1·2000年11日 1000年10年		
	gl	P2	L2	1 Stranger	0	0	0		
		P3	L3	1 55	The state of the state of	0	0		
	GI	P4	L4	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	0	0		
	"	P5	L2	1 79	1	1 0 1 1	0		
	g2	P6	L3	1 700	0	0	0		
1	147	P7	L4	7 7 7 7 8 Pa. 1 4. v.	$\sim 6\%$. ~ 11	0	0		
G#		P8	L1	1	0	0	0		
		P9	L3	1 47	1	1 die 5	沙洲屬此学11世数。		
	g3	P10	L4	1.5	0	0	0		
	"	P11	L1	1	1.00	0	0		
ļ	G2 =	P12	L2	1 1 1	0	0	0		
ĺ		P13	L4	10 18 1 Sec	1 45 1	3 TEMP	0		
	g4	P14	L1	1	0	0	0		
		P15	L2	1 30-10	course1	0	0		
G%1-	<u> </u>	P16	L3	والمعاشد إحدث تحدد		- 0	0		
		P17	L2	- 21 Table	A three 1	1 1000	者被整新1件体增强的数型		
i	g5	P18	L3	1.4	0	0	0		
		P19	L4	esh 241	7.6年7. 1.1	0	0		
	G3	P20	L1	1	0	0	0		
1		P21	L3	- *********1	" T	1 排標	0		
	g6	P22	L4		0	0	0		
		P23	L1	1	for Lamping and A	0	0		
G#		P24	L2	1	0	0	0		
"		P25	L4		1	2 de 14	(1) 经		
	g7	P26	L1	1 一、四位额	0	0	0		
		P27	L2	主作1750年	C 5211	0	0		
	G4 =	P28	L3	- 2 11 字字	0	0	0		
		P29	L1		1.9	1 2 1111	0		
	g8	P30	L2	1	0	0	0		
		P31	L3	1 - 1 - 1	3.5. 1.1	0	0		
Ļ	LLL	P32	L4	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0	0	0		

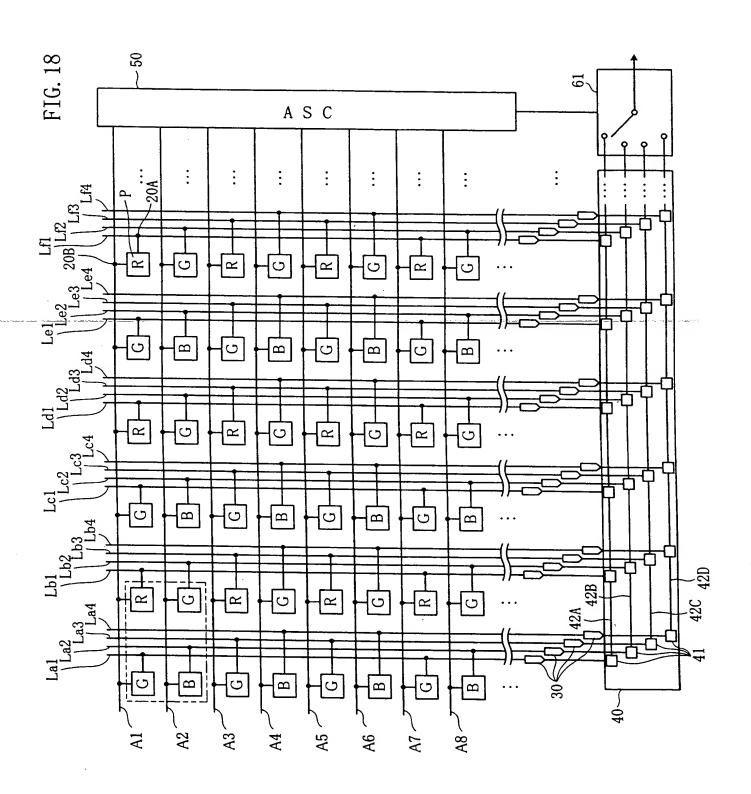
Inventor: SHIMIZU
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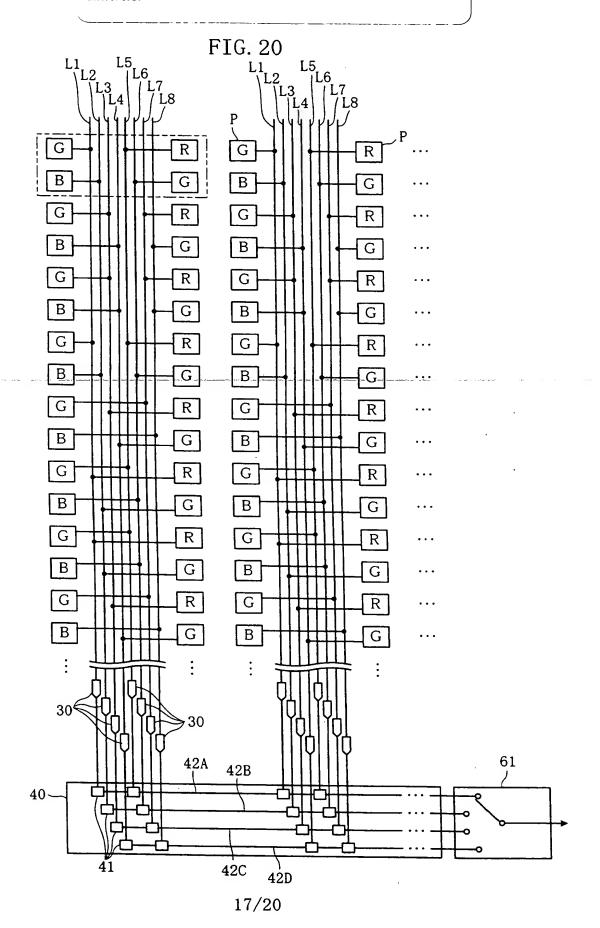
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FIG. 19

		0			FS	SS1/2	T	SS1/4		SS1/8		
		C			1/4f	1/8f		1/16f		1/32f		
	SF	Px	SL		L1 L2 L3 L4	L1 L2 L3 L4	L1	L2 L3 L4	LI	L2 L3	L4	
	P1	L1			1	21 12 .	1	7 - 34 12121 4 341	11		n de	
g	P2		L2		- 7-21 [[] [[] [] [] [] [] []	to the state of th	20	1 '- 35	H.	11		
8	P3			L3	1.	0	T	0		0		
Gı	L P4			L4	1	0		0			0	
	P5			L3	Towns	September 62 1	4.	0		0		
g g	P6			L4	The Attack As IN	时"群群之公司		0			0	
°	P7	L1			1 10000000	0	0		0			
G#1 -	P8		L2		the education of	0		0		0		
0,71	P9			L3	-, 1979	10 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	(apply)	1 1		0		
g	3 P10			L4	14.	Bright and 1		: 1:1			0	
"	PII	L1			1	0	0		0			
G2	L P12		L2		1 . 77 255	0		0		0		
	P13	L1			1	1 3000 7 4 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2	0		0			
g g	4 P14		L2		Transfer and	ALPHARITY TO GO THE TOTAL TO THE TANK TO THE TANK THE TAN	i.	0		0		
· ·	P15			L3	· · · · · · · · · · · · · · · · · · ·	0		0		0		
G%1 = =	P16		MANAGEMENT OF THE PARTY OF THE	L4	- 7.7 7.7 - 7.1	0	1	0			0	
	P17			L3	11 / 12 / 12 / 12 / 12 / 12 / 12 / 12 /	建筑建筑 1 机	4 F	1 7 1	Was.	445 141		
g!	P18			L4	· () 一个点 () 传统。如[1]	entreside de la	2 14	*** 510	排形机	araha ili are	313	
5	P19	L1			1	0	0		0			
G3	L P20		L2			0		0		0		
03	P21	L1			1 45 - 2 4 5 5 5	1 1 The Contract of the Contract	0		0			
gt	6 P22		L2		The state of the s	# Mongraph 1985年	1	0		0		
, ,	P23			L3	as the alternation	0		0		0		
G#2	L P24			L4	T. JOY STATE	0		0			0	
U#2	P25	L1			4 - 1 - 1	网 地名	-1	Street William	0			
l l g	7 P26		L2		1			1 45 146		0		
8	P27			Ĺ3	4-44			0		0		
G4	L P28			L4	5" b1	0		0			0	
	P29			L3	17-4.4	W. Will 1'Th		0		0		
g	P30			L4	1.54.1	的数据数据数据数据数据数据数据数据数据数据数据数据数据数据数据数据数据数据数据		0			0	
6'	P31	L1			1	0	0	_	0			
LLL	L P32		L2		1	0		0		0		

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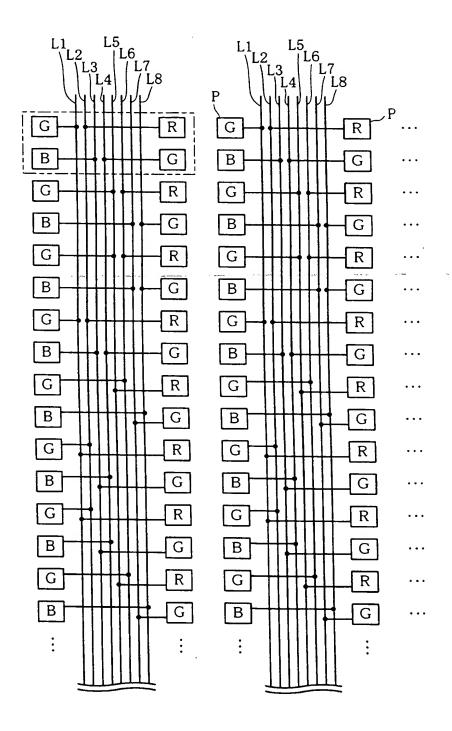


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0 0 0 0 ij. 0 0 0 0 L2 L3 L4 L5 L6 L7 L8 L1 L2 L3 L4 L5 L6 L7 L8 0 FS S 9 8 님 SPx P14 **g**2 98 g83 84 g2 g7 88 G2 G3 G1G4 **C#1** G%1

FIG. 22



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